



#### Cable Preparation

- Strip back the cable jacket from the shield and cut away that portion of the cable jacket. Do not cut the shield. The shielded conductors should extend beyond the cable jacket 1.0" [25.4 mm]. (See Fig. 1).
- Fold the shield back over the cable jacket, then trim the folded shield to 0.38" [9.53 mm]. The shield should wrap smoothly around the outside of the jacketed cable with the conductive surface exposed. (See Fig. 2 & 3).
- Bend the drain wire back so it lies flat against the folded shield. Take care to orientate the drain wire so it touches the large tab within the modular plug housing and opposite from the strain relief. (See Fig. 4).

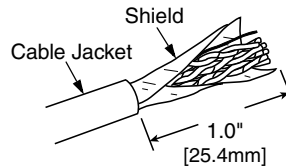


Fig. 1

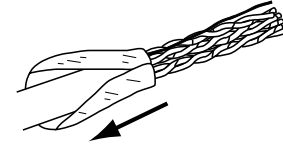


Fig. 2

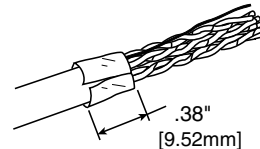


Fig. 3

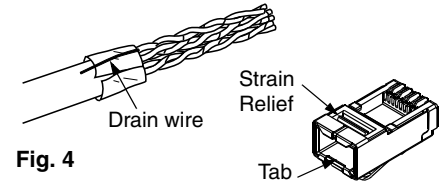
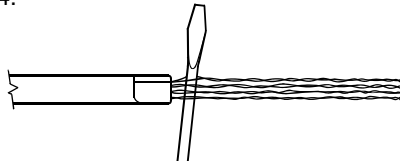


Fig. 4

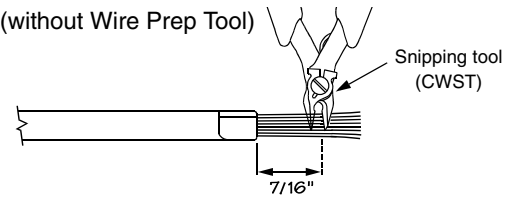
Conductor Sequence		
	T568A	T568B
1	WH/GRN	WH/ORG
2	GRN/WH	ORG/WH
3	WH/ORG	WH/GRN
4	BLU/WH	BLU/WH
5	WH/BLU	WH/BLU
6	ORG/WH	GRN/WH
7	WH/BRN	WH/BRN
8	BRN/WH	BRN/WH

4.



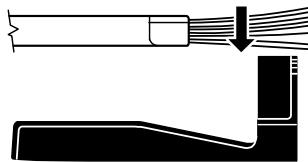
Untwist pairs and straighten conductors.

4a. (without Wire Prep Tool)



Place conductors in proper sequence (see table) and trim conductors to 7/16" (11mm) using wire snipping tool (CWST).

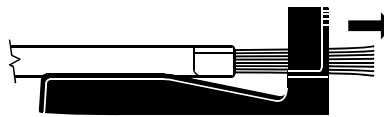
#### 4b1. Optional WPT-8 Wire Prep Tool



WPT-8

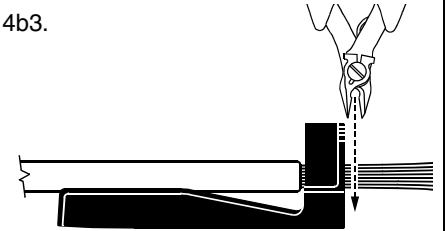
Insert conductors individually in the proper sequence (See above table).

#### 4b2.



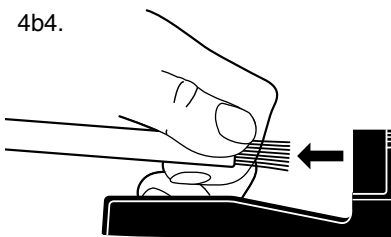
Pull conductors until cable jacket is at conductor retention slot.

#### 4b3.



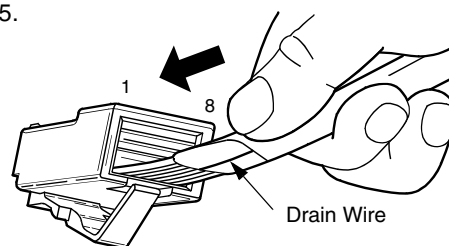
Trim conductors flush using wire snipping tool.

#### 4b4.



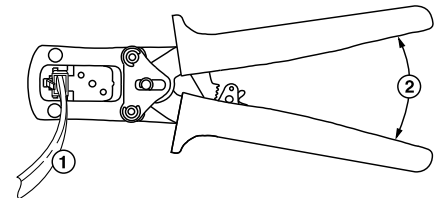
Remove cable from conductor retention slot, keeping conductors held in position by placing thumb and forefinger at cable jacket end.

#### 5.



Place conductors in guide troughs, number 1-8 left to right with latch down as shown. Apply slight downward pressure as you insert conductors until they are fully extended and under the plug contacts.

#### 6. MPT5-8AS Termination Tool



- Place plug in die until it clicks. Maintain pressure by pushing cable into plug.
- Complete termination by closing the die set fully and releasing.

#### Notes:

- Panduit crimp tool MPT5-8AS recommended for crimping.
- Terminates most 24-26 AWG stranded or solid conductor with an insulation dia of 0.035" - 0.040".
- For information on grounding and bonding refer to TIA/EIA 607.

As with all Wiring Accessories, the following statements apply:

- Never install communications wiring during a lightning storm.
- Never install communications wiring in wet locations unless the jack is specifically designed for use in wet locations.
- Never touch un-insulated communications wiring or terminals unless the communication line is disconnected at the network interface.
- Use caution when installing or modifying communication wiring.

For Instructions in Local Languages  
and Technical Support:

[www.panduit.com/resources/install\\_maintain.asp](http://www.panduit.com/resources/install_maintain.asp)

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